

CLAIMS

1. An archery bow dampening device, said device being made of an elastomer and having a base portion and substantially wedge-like extension portion suspended from the base,
the base portion having a contact area, said base portion being fixedly attachable along its contact area to an archery bow to absorb the energy of the vibratory oscillations, resulting from the abrupt return of the limbs and the string of the bow to their original positions, through expansion and contraction of said dampening portion,
said suspended portion being configured for vibration, free of contact with the archery bow in directions which are generally normal to the longitudinal axis of the archery bow reciprocating in the plane of the bow.
2. The device as recited in claim 1, wherein said device further comprises a notch and an insert both made of elastomers,
said insert being disposed within the notch,
said insert being made of one or more elastomers of lower durometer properties than the elastomer of said base portion, whereby said insert is compressed in the notch.
3. The device as recited in claim 2, wherein the Shore hardness of the elastomer from which said device is fabricated is in the range of 20 to 60,
4. The device as recited in claim 3, wherein the Shore hardness of the elastomer from which said insert is fabricated is in the range of 0 to 20.
5. The device as recited in claim 1 wherein the Shore hardness of the elastomer from which said device is fabricated is in the range of 0 to 20.
6. The device as recited in claim 1 wherein said device comprises fastening means for attaching said device to the archery bow.
7. The device as recited in claim 6, wherein said fastening means comprises an adhesive strip, having a coating of pressure-sensitive adhesive, fixedly attached to said contact area of the device.

8. The device as recited in claim 6, wherein said adhesive substance is selected from the group consisting of super glue, general purpose glue, epoxy resin, acrylic resin, urethane resin, cement, natural gums and resins, mucilage, starch and starch derivatives, rubber adhesives, cellulose derivatives, and combinations thereof.
9. The device as recited in claim 1, wherein said device is constructed and arranged for affixing to at least one of the limbs of the archery bow.
10. The device as recited in claim 6 wherein said fastening means comprises a mechanical fastener.

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